



**MATERIAL SAFETY DATA SHEET**  
 THIS DOCUMENT REPRESENTS A MODIFICATION OF A  
 U. S. DEPARTMENT OF LABOR  
 OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION  
 NON-MANDATORY FORM

**SECTION I - MANUFACTURER IDENTIFICATION**

**Manufacturer (Producer/Processor):** *IMCO* *Date: January 3, 2014*  
**Address:** *7268 Frasinetti Road*  
*Sacramento, CA. 95828*  
**Telephone:** *(916) 383-2811* *FAX: (916) 383-8741*  
**Product Name:** *CARBONDALE RED (C-Red)*

**SECTION II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION**

Component	Chemical Formula	Common Name	Threshold Limit Value Respirable Dust	%	CAS # If applicable
Free Silica (Quartz)	SiO <sub>2</sub>	Silica	ACGIH: 0.1 mg/m <sup>3</sup>	10 - 30	14808-60-7

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point (mm Hg):</b>	<i>N/A</i>	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	<i>2.5</i>
<b>Vapor Pressure</b>	<i>N/A</i>	<b>Melting Point:</b>	<i>N/A</i>
<b>Vapor Density (Air = 1)</b>	<i>N/A</i>	<b>Evaporation Rate: (Butyl Acetate=1)</b>	<i>N/A</i>
<b>Solubility in Water:</b>	<i>N/A</i>		
<b>Appearance and Color:</b> <i>Red Powder - no odor</i>			

**SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA**

<b>Flash Point:</b>	<i>Not Flammable</i>	<b>Flammable Limits:</b>	<i>Not Flammable</i>
<b>Extinguish Media:</b>	<i>N/A</i>		
<b>Special Fires Fighting Procedures:</b>	<i>N/A</i>		
<b>Unusual Fire and Explosion Hazards:</b>	<i>None</i>		

**SECTION V - REACTIVITY DATA**

Stability	<i>Stable</i>	Conditions to Avoid :	<i>None</i>
Incompatibility	<i>None</i>	Material to Avoid:	<i>None</i>
Hazardous Decomposition or By products	<i>None</i>		
Hazard Polymerization	<i>Will not Occur</i>	Conditions to Avoid:	<i>None</i>

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry	<i>Inhalation</i>
<b>Health Hazards (Acute and Chronic)</b>	
<b>Eye</b>	<i>May cause irritation.</i>
<b>Ingestion</b>	<i>N/A</i>
<b>Skin</b>	<i>May cause irritation.</i>
Inhalation	<i>Contains crystalline which may cause delayed respiratory disease (silicosis) if inhaled over a prolonged period of time.</i>
Carcinogenicity	<i>IARC Monographs Volume 68, 1997 concludes that there is sufficient evidence that inhaling crystalline silica causes cancer in humans. The State of California has determined crystalline silica to cause cancer.</i>

Signs & Symptoms Exposure:	
Medical Conditions Aggravated (Exposure)	<i>Respiratory system conditions.</i>
Emergency & First Aid:	
Eye	<i>Flush with plenty of water for 15 minutes, if irritation persists, see a physician.</i>
Ingestion	<i>N/A</i>
Skin	<i>Wash with mild soap and water.</i>
Inhalation	<i>Remove to fresh air. If irritation persists see a doctor.</i>

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>Material released or spilled:</b>	<i>Sweep up spill after wetting to avoid dust generation.</i>
<b>Waste disposal Method</b>	<i>Dispose in closed containers at an approved landfill, in accordance with all federal, state and local laws..</i>
<b>Precaution in Handling &amp; Storing</b>	<b><i>Keep in closed containers. Avoid creation of dust; use ventilation and exhaust equipment as required to abate dust in the work place.</i></b>

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection	<i>NIOSH approved dust mask (Wear 3M 7810 Dust Mask).</i>
Ventilation	<i>Sufficient of maintain OSHA PEL.</i>
Protection Gloves	<i>Appropriate to activity performed.</i>
Eye Protection	<i>Recommended</i>
Other Protective Clothing or Equipment	<i>Safety showers and eye washes.</i>
Work/Hygienic Practices	<i>Brush clothing in natural ventilation; replace dust mask regularly. Good house keeping to minimize dust.</i>

(MSDS2014)



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Laguna Clay Company  
14400 Lomitas Ave  
City of Industry, CA 91746  
1-800-4Laguna  
info@lagunaclay.com  
www.lagunaclay.com